

A. Lampiran 1

1. Uji Normalitas adekuasi dialisis pada nilai URR dan Kt/V

Tabel 4.14 Uji Normalitas Data Nilai Adekuasi Dialisis Kelompok Intervensi dan Kelompok Kontrol Sebelum dan Sesudah Pelaksanaan *Exercise Intradialytic*.

Adekuasi Dialisis			<i>Mean</i>	<i>SD</i>	<i>p-value</i>
<i>URR</i>	Kel. Intervensi	<i>Pre</i>	71,176	6,4891	0,333
		<i>Post</i>	73,427	6,1654	0,764
	Kel. Kontrol	<i>Pre</i>	76,076	7,8064	0,979
		<i>Post</i>	76,589	10,062	0,000
<i>Kt/V</i>	Kel. Intervensi	<i>Pre</i>	1,5625	0,2854	0,641
		<i>Post</i>	1,6683	0,3091	0,962
	Kel. Kontrol	<i>Pre</i>	1,8492	0,4467	0,724
		<i>Post</i>	1,8925	0,4965	0,177

2. Uji Normalitas adekuasi dialisis pada nilai tekanan darah

Tabel 4.15 Uji Normalitas Data Tekanan Darah Kelompok Intervensi dan Kelompok Kontrol Sebelum dan Sesudah Pelaksanaan *Exercise Intradialytic*.

Tekanan Darah			<i>Mean</i>	<i>SD</i>	<i>p-value</i>
Kel. Intervensi	<i>Pre</i>	Sistolik	165.00	24.182	0.061
		Diastolik	90.54	13.018	0.357
	<i>Post</i>	Sistolik	149.67	23.743	0.207
		Diastolik	86.29	10.327	0.769
Kel. Kontrol	<i>Pre</i>	Sistolik	160.13	22.777	0.389
		Diastolik	87.63	13.341	0.475
	<i>Post</i>	Sistolik	165.38	26.881	0.137
		Diastolik	90.54	14.685	0.981

3. Uji Normalitas adekuasi dialisis pada nilai kualitas hidup

Tabel 4.16 Uji Normalitas Data Kualitas Hidup Kelompok Intervensi dan Kelompok Kontrol Sebelum dan Sesudah Pelaksanaan *Exercise Intradialytic*.

Kualitas Hidup			Mean	SD	p-value
Kel. Intervensi	<i>Symptom/</i>	<i>Pre</i>	56,77	18,319	0,195
	<i>Problem List</i>	<i>Post</i>	77,86	14,868	0,132
	<i>Effect Kidney</i>	<i>Pre</i>	63,54	19,907	0,662
	<i>Disease</i>	<i>Post</i>	71,48	14,896	0,329
	<i>Burden Kidney</i>	<i>Pre</i>	50,78	27,168	0,912
	<i>Disease</i>	<i>Post</i>	55,20	26,813	0,796
	<i>SF-12 Physical</i>	<i>Pre</i>	36,27	7,5817	0,512
	<i>Health Composite</i>	<i>Post</i>	43,12	7,1513	0,228
	<i>SF-12 Mental</i>	<i>Pre</i>	47,53	9,1554	0,176
	<i>Health Composite</i>	<i>Post</i>	50,61	8,2551	0,052
Kel. Kontrol	<i>Symptom/</i>	<i>Pre</i>	58,50	15,034	0,707
	<i>Problem List</i>	<i>Post</i>	57,63	19,828	0,022
	<i>Effect Kidney</i>	<i>Pre</i>	67,32	17,115	0,050
	<i>Disease</i>	<i>Post</i>	60,15	18,846	0,664
	<i>Burden Kidney</i>	<i>Pre</i>	44,53	23,552	0,719
	<i>Disease</i>	<i>Post</i>	45,05	24,379	0,832
	<i>SF-12 Physical</i>	<i>Pre</i>	36,60	8,6146	0,772
	<i>Health Composite</i>	<i>Post</i>	34,49	7,4880	0,196
	<i>SF-12 Mental</i>	<i>Pre</i>	49,91	7,1496	0,129
	<i>Health Composite</i>	<i>Post</i>	45,90	8,0796	0,187

B. Lampiran 2

a. Hasil analisis uji *effect size* adekuasi dialisis yang ditinjau dari tekanan darah sistolik pada *post test* pada kelompok intervensi dan kontrol.

1. Hasil uji *effect size* tekanan darah sistolik setelah pelaksanaan *exercise intradialytic*.

$$\text{cohen's } d = \frac{M_1 - M_2}{SD_{pooled}} \quad SD_{pooled} = \frac{\sqrt{(n_1 - 1)Sd_1^2 + (n_2 - 1)Sd_2^2}}{n_1 + n_2 - 2}$$

$$SD_{pooled} = \frac{\sqrt{(24 - 1)23,743^2 + (24 - 1)26,881^2}}{24 + 24 - 2}$$

$$SD_{pooled} = \frac{\sqrt{29585,318}}{46} \quad SD_{pooled} = 25,360582$$

$$\text{cohen's } d = \frac{149,64 - 165,38}{25,360582}$$

$$\text{cohen's } d = -0,6 \text{ atau } 0,6$$

b. Hasil uji *effect size* kualitas hidup setelah pelaksanaan *exercise intradialytic*.

1. Penilaian *Symptom/Problem List*.

$$\text{cohen's } d = \frac{M_1 - M_2}{SD_{pooled}} \quad SD_{pooled} = \frac{\sqrt{(n_1 - 1)Sd_1^2 + (n_2 - 1)Sd_2^2}}{n_1 + n_2 - 2}$$

$$SD_{pooled} = \frac{\sqrt{(24 - 1)14,86887^2 + (24 - 1)19,82879^2}}{24 + 24 - 2}$$

$$SD_{pooled} = \frac{\sqrt{14128,0767}}{46} \quad SD_{pooled} = 17,525185$$

$$\text{cohen's } d = \frac{77,8642 - 57,6383}{17,525185} \quad \text{cohen's } d = 1.15$$

2. *Penilaian Effect Kidney Disease.*

$$\text{cohen's } d = \frac{M_1 - M_2}{SD_{pooled}} \quad SD_{pooled} = \frac{\sqrt{(n_1 - 1)Sd_1^2 + (n_2 - 1)Sd_2^2}}{n_1 + n_2 - 2}$$

$$SD_{pooled} = \frac{\sqrt{(24 - 1)14,89658^2 + (24 - 1)18,84609^2}}{24 + 24 - 2}$$

$$SD_{pooled} = \frac{\sqrt{13272,913}}{46} \quad SD_{pooled} = 16,986512$$

$$\text{cohen's } d = \frac{71,4879 - 60,1592}{16,986512}$$

$$\text{cohen's } d = 0,6$$

3. *Penilaian SF-12 Physical Health Composite.*

$$\text{cohen's } d = \frac{M_1 - M_2}{SD_{pooled}} \quad SD_{pooled} = \frac{\sqrt{(n_1 - 1)Sd_1^2 + (n_2 - 1)Sd_2^2}}{n_1 + n_2 - 2}$$

$$SD_{pooled} = \frac{\sqrt{(24 - 1)7,15134^2 + (24 - 1)7,48805^2}}{24 + 24 - 2}$$

$$SD_{pooled} = \frac{\sqrt{2465,888}}{46} \quad SD_{pooled} = 7,3216308$$

$$\text{cohen's } d = \frac{43,1208 - 34,4967}{7,3216308}$$

$$\text{cohen's } d = 1,1$$


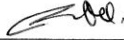




C. Lampiran 3

Lembar Konsultasi Tesis

Nama Mahasiswa : Endrat Kartiko Utomo

Pembimbing : Erna Rochmawati, S.Kep., MNSc., M.Med.Ed., Ph.D

Judul Tesis : Pengaruh *Exercise Intradialitic* Terhadap Adekuasi Dialisis dan Kualitas Hidup Pasien Gagal Ginjal Kronis yang Menjalani Hemodialisis di RS PKU Muhammadiyah Kota Yogyakarta dan RS PKU Muhammadiyah Gamping Yogyakarta.





No	Tanggal	Topik Bimbingan	Tanda Tangan
1	23 April 2018	-Pengajuan judul	
2	12 Mei 2018	-Penambahan data pendukung penelitian -Pendalaman variabel Penelitian	
3	27 Juli 2018	-Latar belakang -Keaslian penelitian	
4	16 Oktober 2018	-Penambahan variabel kualitas hidup -Penambahan bab 2 -Lanjut konsul bab 3	
5	27 Oktober 2018	-Penghitungan sampel -Penambahan uji <i>effect size</i> -Revisi penulisan bab 1,2 -Revisi instrument	
6	30 oktober 2018	-Validitas dan reliabilitas -Revisi referensi -Penambahan instrument <i>exercise</i> -Penambahan instrument liflet	
7			
8			
9			
10			

Lembar Konsultasi Tesis

Nama Mahasiswa : Endrat Kartiko Utomo

Pembimbing : Erna Rochmawati, S.Kep., MNSc., M.Med.Ed., Ph.D

Judul Tesis : Pengaruh *Exercise Intradialitic* Terhadap Adekuasi Dialisis dan Kualitas Hidup Pasien Gagal Ginjal Kronis yang Menjalani Hemodialisis di RS PKU Muhammadiyah Kota Yogyakarta dan RS PKU Muhammadiyah Gamping Yogyakarta.

No	Tanggal	Topik Bimbingan	Tanda Tangan
1	2 September 2019	- Konsul bab 5	
2	9 September 2019	- Konsul Bab 5 dan 6	
3	17 September 2019	- Konsul Bab 5 dan 6	
4	23 September 2019	- Konsul Bab 5 dan 6 acc ujian	
5			
6			
7			



RS PKU MUHAMMADIYAH GAMPING

AMANA (Antusias, Mutu, Aman, Nyaman, Akurat, Handal)

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

14 Ramadhan 1440H/18 Mei 2019

Nomor : 117 /PI.24.2/V/2019

Hal : Ijin Penelitian

Kepada Yth.
Kaprosdi MKEP UMY
Jl Brawijaya Tamantirto Bantul

السَّلَامُ عَلَيْكُمْ وَرَحْمَةُ اللَّهِ وَبَرَكَاتُهُ

Sehubungan dengan surat Saudara Nomor : 322/Mkep/A3-I/V/2019 tanggal 7 Mei 2019 tentang permohonan Penelitian bagi:

Nama : Endrat Kartika Utama
NIM : 20171050006
Judul Penelitian : Efektifitas Exercise Intradialytis Terhadap Adekuasi Dialisis dan Kualitas Hidup Pasien Gagal Ginjal Kronis

Bersama ini disampaikan bahwa pada prinsipnya, kami dapat mengabulkan permohonan tersebut dengan ketentuan :

1. Bersedia mentaati peraturan yang berlaku di RS PKU Muhammadiyah Gamping.
2. Bersedia mengganti barang yang dirusakkan selama menjalankan Penelitian.
3. Bersedia menyerahkan pas foto 2 x 3 sebanyak 2 lembar untuk arsip dan tanda pengenalan.
4. Bersedia memberikan biaya administrasi sebesar Rp. 500.000 (Lima Ratus Ribu Rupiah) berlaku untuk kurun waktu 6 (enam) bulan dan diselesaikan sebelum pelaksanaan.
5. Pembayaran dilakukan di bagian Keuangan pada jam kerja (08.00 – 14.00 WIB)
6. Setelah selesai pengambilan data penelitian di RS PKU Muhammadiyah Gamping, peneliti wajib melapor ke Bagian Diklitbang dengan membawa hasil penelitian yang belum diujikan untuk dikoreksi dan dibuatkan surat keterangan selesai penelitian.
7. Peneliti wajib menyerahkan hasil penelitian yang telah diujikan dan disahkan kepada RS PKU Muhammadiyah Gamping. melalui Bagian Diklitbang.
8. Sebelum melaksanakan penelitian kepada yang bersangkutan diminta menghubungi Manajer Diklitbang.
9. Selama melakukan Penelitian berkonsultasi dengan Pembimbing dari rumah sakit, yaitu :
- Nofita Rosida, A.Md

Demikian jawaban ijin penelitian ini kami sampaikan atas perhatiannya kami ucapkan terimakasih.

وَالسَّلَامُ عَلَيْكُمْ وَرَحْمَةُ اللَّهِ وَبَرَكَاتُهُ

Direktur Utama,

dr. H. Ahmad Faesol, Sp.Rad, M.Kes.,MMR
NBM/ 797.692

Tembusan:

1. Bagian Diklitbang RS PKU Muh Gamping
2. Pembimbing yang Bersangkutan
3. Peneliti yang bersangkutan (Endrat Kartika Utama)
4. Arsip



RS PKU MUHAMMADIYAH YOGYAKARTA

AMANAH melayani setulus hati

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

Yogyakarta, 17 Mei 2019

Nomor : 1187 /PI.24.2/V/2019

Hal : Penelitian

Kepada Yth.

Ka.Prodi Magister Keperawatan UMY

Jl. Brawijaya Tamantirto Kasihan Bantul Yogyakarta

Assalamu'alaikum wr.wb.

Memperhatikan surat Saudara Nomor : 321/MKep/A.3-II/V/2019 tanggal 07 Mei 2019 tentang permohonan Penelitian bagi:

Nama : Endrat Kartika Utama

NIM : 20171050006

Judul Penelitian : Efektifitas Exercise Intradialytis terhadap Adekuasi Dialisis dan Kualitas Hidup Pasien Gagal Ginjal Kronis

Bersama ini disampaikan bahwa pada prinsipnya, kami dapat mengabulkan permohonan tersebut dengan ketentuan :

1. Bersedia mentaati peraturan yang berlaku di RS PKU Muhammadiyah Yogyakarta.
2. Bersedia mengganti barang yang dirusakkan selama menjalankan Penelitian.
3. Bersedia menyerahkan pas foto 2 x 3 sebanyak 2 lembar untuk arsip dan tanda pengenal.
4. Bersedia memberikan biaya administrasi sebesar Rp. 500.000,- berlaku untuk kurun waktu 6 (enam) bulan dan diselesaikan sebelum pelaksanaan.
5. Pembayaran dapat ditransfer ke BNI Syariah No. 0999119918 a.n RS PKU Muhammadiyah Yogyakarta dan bukti transfer harap dikirim kembali ke diklat.
6. Setelah selesai pengambilan data penelitian di RS PKU Muhammadiyah Yogyakarta, peneliti wajib melapor ke Diklat dengan membawa hasil penelitian yang belum diujikan untuk dikoreksi dan dibuatkan surat keterangan selesai penelitian.
7. Peneliti wajib menyerahkan hasil penelitian yang telah diujikan dan disyahkan kepada RS PKU Muh. Yk. melalui Diklat dalam bentuk Soft & Hard File
8. Selama melakukan Penelitian berkonsultasi dengan Pembimbing dari rumah sakit, yaitu:

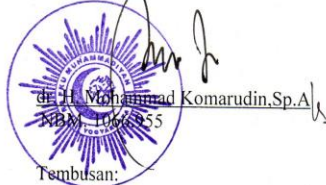
- Indri Setyawati, S.Kep.Ns

Jika ketentuan-ketentuan diatas tidak dapat dipenuhi maka dengan terpaksa kami akan meninjau ulang kerjasama dengan institusi bersangkutan untuk waktu-waktu selanjutnya.

Demikian, untuk menjadikan maklum

Wassalamu'alaikum wr.wb.

Direktur Utama



Tembusan:

1. Direktur SDI & Diklitlat
2. Supervisor Perbendaharaan
3. Supervisor Diklat
4. Pembimbing yang bersangkutan
5. Peneliti yang bersangkutan (Endrat Kartika Utama)
6. Arsip



UNIVERSITAS 'AISYIYAH YOGYAKARTA
KOMISI ETIK PENELITIAN

Kepmenristek & Dikti No : 109/KPT/I/2016 Tanggal 10 Maret 2016



KOMISI ETIK PENELITIAN KESEHATAN
HEALTH RESEARCH ETHICS COMMITTEE
UNIVERSITAS 'AISYIYAH YOGYAKARTA

KETERANGAN LAYAK ETIK
DESCRIPTION OF ETHICAL APPROVAL
"ETHICAL APPROVAL"

No.1030/KEP-UNISA/IV/2019

Protokol penelitian yang diusulkan oleh :
The research protocol proposed by

Peneliti utama : Endrat Kartiko Utomo, S.Kep, Ns
Principal In Investigator

Nama Institusi : Universitas Muhammadiyah Yogyakarta
Name of the Institution

Dengan judul:
Title

"Efektifitas Exercise Intradialysis Terhadap Adekuasi Dialisis Dan Kualitas Hidup Pasien Gagal Ginjal Kronis Yang Menjalani Terapi Hemodialisis Di Rumah Sakit PKU Muhammadiyah Kota Dan PKU Muhammadiyah Gamping Yogyakarta"

"Effects Of Intradialytic Exercise On Dialysis Adequacy And Quality Of Life In Patient Chronic Kidney Disease Maintenance Hemodialysis In PKU Muhammadiyah Yogyakarta And PKU Muhammadiyah Gamping Yogyakarta"

Dinyatakan layak etik sesuai 7 (tujuh) Standar WHO 2011, yaitu 1) Nilai Sosial, 2) Nilai Ilmiah, 3) Pemerataan Beban dan Manfaat, 4) Risiko, 5) Bujukan/Eksploitasi, 6) Kerahasiaan dan Privacy, dan 7) Persetujuan Setelah Penjelasan, yang merujuk pada Pedoman CIOMS 2016. Hal ini seperti yang ditunjukkan oleh terpenuhinya indikator setiap standar.

Declared to be ethically appropriate in accordance to 7 (seven) WHO 2011 Standards, 1) Social Values, 2) Scientific Values, 3) Equitable Assessment and Benefits, 4) Risks, 5) Persuasion/Exploitation, 6) Confidentiality and Privacy, and 7) Informed Consent, referring to the 2016 CIOMS Guidelines. This is as indicated by the fulfilment of the indicators of each standard.

Pernyataan Laik Etik ini berlaku selama kurun waktu tanggal 29 April 2019 sampai dengan tanggal 28 April 2020.

This declaration of ethics applies during the period April 29, 2019 until April 28, 2020.



Ns. Divah Wandra Anita, M.Sc

SERTIFIKAT KALIBRASI

Calibration Certificate

NOMOR ORDER : 198.11.07.18
Order Number

Nomor Sertifikat / Certificate Number : 9093/LK-LKU/IX/2018
Tanggal Terima Order : 11 Juli 2018
Date of Order Received

Identitas Alat / Instrument Identification

Nama Alat / Instrument Name : Timbangan Dewasa
Merek / Manufacturer : One Med
Tipe / Type : EB9312
Nomor Seri / Serial Number : -
Kapasitas / Capacity : 200 Kg
Daya Baca / Readability : 0.1 Kg
Kelas / Class : -

Pemilik / Owner

Nama / Name : RS PKU Muhammadiyah Gamping
Alamat / Address : Jl. Wates Km 5,5 Ambarketawang, Gamping, Sleman,
: D.I. Yogyakarta

Standar / Standard

Nama / Name : Anak Timbangan
Nomor Sertifikat / Certificate Number : 435/PKTN.4.12/VER/08/2017
Ketertelusuran / Traceability : Hasil kalibrasi yang dilaporkan tertelusur ke satuan SI melalui LK-145-IDN

Lokasi Kalibrasi / Location of Calibration : HD
Tanggal Kalibrasi / Calibration Date : 17 September 2018
Kondisi Ruangan Kalibrasi : Suhu : (26.6 ± 0.4) °C
Environment Condition of Calibration : *Temperature*
: Kelembaban : (66 ± 3) %
Humidity

Metode / Method : MK-T-M-03
Acuan / References : Guide to Expression of Uncertainty in Measurement, First Edition 1993,
International Organization for Standardization, Switzerland

Hasil Kalibrasi : LAIK PAKAI disarankan untuk dikalibrasi ulang pada
Result of Calibration : 17 September 2019

Yogyakarta, 27 September 2018

Direktur



Laboratorium
Kalibrasi & Uji
PT. ADI MULTI KALIBRASI
Apik Rusdiarna Indra Praja, S.Si., M.T.

SERTIFIKAT KALIBRASI


Calibration Certificate

NOMOR ORDER : 198.11.07.18
Order Number

Nomor Sertifikat / Certificate Number : 9094/LK-LKU/IX/2018
Tanggal Terima Order : 11 Juli 2018
Date of Order Received
Identitas Alat / Instrument Identification
Nama Alat / Instrument Name : Timbangan Dewasa
Merek / Manufacturer : SMIC
Tipe / Type : ZT-120
Nomor Seri / Serial Number : -
Kapasitas / Capacity : 120 Kg
Daya Baca / Readability : 0.5 Kg
Kelas / Class : -
Pemilik / Owner
Nama / Name : RS PKU Muhammadiyah Gamping
Alamat / Address : Jl. Wates Km 5,5 Ambarketawang, Gamping, Sleman,
: D.I. Yogyakarta
Standar / Standard
Nama / Name : Anak Timbangan
Nomor Sertifikat / Certificate Number : 435/PKTN.4.12/VER/08/2017
Ketertelusuran / Traceability : Hasil kalibrasi yang dilaporkan tertelusur ke satuan SI melalui LK-145-IDN
Lokasi Kalibrasi / Location of Calibration : HD
Tanggal Kalibrasi / Calibration Date : 17 September 2018
Kondisi Ruangan Kalibrasi
Environment Condition of Calibration
Suhu : (26.6 ± 0.4) °C
Temperature
Kelembaban : (66 ± 3) %
Humidity
Metode / Method : MK-T-M-03
Acuan / References : Guide to Expression of Uncertainty in Measurement, First Edition 1993,
International Organization for Standardization, Switzerland
Hasil Kalibrasi : LAIK PAKAI disarankan untuk dikalibrasi ulang pada
Result of Calibration : 17 September 2019

Yogyakarta, 27 September 2018

Direktur



PT. ADI MULTI KALIBRASI
Apik Rusdiarna Indra Praja, S.Si., M.T.

SERTIFIKAT KALIBRASI

Calibration Certificate

NOMOR ORDER : 198.11.07.18
Order Number

Nomor Sertifikat / Certificate Number : 8770/LK-LKU/IX/2018
Tanggal Terima Order : 11 Juli 2018
Date of Order Received
Identitas Alat / Instrument Identification
Nama Alat / Instrument Name : Blood Pressure Monitor
Merek / Manufacturer : Omron
Tipe / Type : HBP-1300
Nomor Seri / Serial Number : 04009312LF
Kapasitas / Capacity : 300 mmHg
Daya Baca / Readability : 1 mmHg
Kelas / Class : -
Pemilik / Owner
Nama / Name : RS PKU Muhammadiyah Gamping
Alamat / Address : Jl. Wates Km 5,5 Ambarketawang, Gamping, Sleman,
: D.I. Yogyakarta
Standar / Standard
Nama / Name : Vital Sign Simulator (Prosim 8)
Nomor Sertifikat / Certificate Number : CAL/053/3672010-08/06/18
Ketertelusuran / Traceability : Hasil kalibrasi yang dilaporkan tertelusur ke satuan SI melalui PT Quantum
Lokasi Kalibrasi / Location of Calibration : HD
Tanggal Kalibrasi / Calibration Date : 13 September 2018
Kondisi Ruangan Kalibrasi
Environment Condition of Calibration
Suhu : (26.3 ± 0.2) °C
Temperature
Kelembaban : (64 ± 2) %
Humidity
Metode / Method : MK-ME-022
Acuan / References : 1. PMK No:118 Tahun 2014
2. Medical Equipment Quality Assurance , Fluke Biomedical
Hasil Kalibrasi : LAIK PAKAI disarankan untuk dikalibrasi ulang pada
Result of Calibration : 13 September 2019

Yogyakarta, 26 September 2018

Direktur



PT. ADI MULTI KALIBRASI
Apik Rusdiarna Indra Praja, S.Si., M.T.



PT. ADI MULTI KALIBRASI
LABORATORIUM KALIBRASI DAN UJI

Jl. Cendana No. 9A, Semaki, Yogyakarta 55166
Telp. : (0274) 563515 ext. 1615
Website : www.lku.uad.ac.id ; E-mail : lku@uad.ac.id
SK. DIRJEN YANKES NO. : HK.02.03/I/4125/2016

SERTIFIKAT KALIBRASI

Calibration Certificate

NOMOR ORDER : 201.23.07.18
Order Number

Nomor Sertifikat / Certificate Number : 2677/LK-LKU/XI/2018
Tanggal Terima Order : 23 Juli 2018
Date of Order Received
Identitas Alat / Instrument Identification
Nama Alat / Instrument Name : Blood Pressure Monitor
Merek / Manufacturer : Omron
Tipe / Type : HBP-1300
Nomor Seri / Serial Number : 04009144 LF
Kapasitas / Capacity : 300 mmHg
Daya Baca / Readability : 1 mmHg
Kelas / Class : -
Pemilik / Owner
Nama / Name : RS PKU Muhammadiyah Yogyakarta
Alamat / Address : Jl. KH Ahmad Dahlan No. 20 Gondomanan
: D.I. Yogyakarta
Standar / Standard
Nama / Name : Vital Sign Simulator (Prosim 8)
Nomor Sertifikat / Certificate Number : CAL/053/3672010-08/06/18
Ketertelusuran / Traceability : Hasil kalibrasi yang dilaporkan tertelusur ke satuan SI melalui PT Quantum
Lokasi Kalibrasi / Location of Calibration : HD
Tanggal Kalibrasi / Calibration Date : 27 November 2018
Kondisi Ruangan Kalibrasi : Suhu : (26.2 ± 0.3) °C
Environment Condition of Calibration : *Temperature*
: Kelembaban : (61 ± 2) %
Humidity
Metode / Method : MK-ME-022
Acuan / References : 1. PMK No:118 Tahun 2014
2. Medical Equipment Quality Assurance , Fluke Biomedical
Hasil Kalibrasi : **LAIK PAKAI** disarankan untuk dikalibrasi ulang pada
Result of Calibration : 27 November 2019

Yogyakarta, 29 Desember 2018

Direktur

Laboratorium
Kalibrasi & Uji
PT. ADI MULTI KALIBRASI

Apik Rusdiarna Indra Praja, S.Si., M.T.



PT. ADI MULTI KALIBRASI LABORATORIUM KALIBRASI DAN UJI

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SK. DIRJEN YANKES NO. : HK.02.03/I/4125/2016

SERTIFIKAT KALIBRASI

Calibration Certificate

NOMOR ORDER : 201.23.07.18
Order Number

Nomor Sertifikat / Certificate Number : 2678/LK-LKU/XI/2018
Tanggal Terima Order : 23 Juli 2018
Date of Order Received
Identitas Alat / Instrument Identification
Nama Alat / Instrument Name : Blood Pressure Monitor
Merek / Manufacturer : Omron
Tipe / Type : HBP-1300
Nomor Seri / Serial Number : 04009145LF
Kapasitas / Capacity : 300 mmHg
Daya Baca / Readability : 1 mmHg
Kelas / Class : -
Pemilik / Owner
Nama / Name : RS PKU Muhammadiyah Yogyakarta
Alamat / Address : Jl. KH Ahmad Dahlan No. 20 Gondomanan
: D.I. Yogyakarta
Standar / Standard
Nama / Name : Vital Sign Simulator (Prosim 8)
Nomor Sertifikat / Certificate Number : CAL/053/3672010-08/06/18
Ketertelusuran / Traceability : Hasil kalibrasi yang dilaporkan tertelusur ke satuan SI melalui PT Quantum
Lokasi Kalibrasi / Location of Calibration : HD
Tanggal Kalibrasi / Calibration Date : 27 November 2018
Kondisi Ruangan Kalibrasi
Environment Condition of Calibration
Suhu : (26.2 ± 0.3) °C
Temperature
Kelembaban : (61 ± 2) %
Humidity
Metode / Method : MK-ME-022
Acuan / References : 1. PMK No:118 Tahun 2014
2. Medical Equipment Quality Assurance , Fluke Biomedical
Hasil Kalibrasi : LAIK PAKAI disarankan untuk dikalibrasi ulang pada
Result of Calibration 27 November 2019

Yogyakarta, 29 Desember 2018
Direktur

Laboratorium
Kalibrasi & Uji
PT. ADI MULTI KALIBRASI

Apik Rusdiarna Indra Praja, S.Si., M.T.

SERTIFIKAT KALIBRASI

Calibration Certificate

NOMOR ORDER : 201.23.07.18

Order Number

Nomor Sertifikat / *Certificate Number* : 0448/LK-LKU/X/2018
Tanggal Terima Order : 23 Juli 2018
Date of Order Received
Identitas Alat / *Instrument Identification*
Nama Alat / *Instrument Name* : Timbangan Dewasa
Merek / *Manufacturer* : SMIC
Tipe / *Type* : ZT-120
Nomor Seri / *Serial Number* : -
Kapasitas / *Capacity* : 120 Kg
Daya Baca / *Readability* : 0.5 Kg
Kelas / *Class* : -
Pemilik / *Owner*
Nama / *Name* : RS PKU Muhammadiyah Yogyakarta
Alamat / *Address* : Jl. KH Ahmad Dahlan No. 20 Gondomanan
: D.I. Yogyakarta
Standar / *Standard*
Nama / *Name* : Anak Timbangan
Nomor Sertifikat / *Certificate Number* : 435/PKTN.4.12/VER/08/2017
Ketertelusuran / *Traceability* : Hasil kalibrasi yang dilaporkan tertelusur ke satuan SI melalui LK-145-IDN
Lokasi Kalibrasi / *Location of Calibration* : Hemodialisa
Tanggal Kalibrasi / *Calibration Date* : 10 Oktober 2018
Kondisi Ruangan Kalibrasi : Suhu : (25.8 ± 0.3) °C
Environment Condition of Calibration : *Temperature*
Kelembaban : (65 ± 2) %
Humidity
Metode / *Method* : MK-T-M-03
Acan / References : Guide to Expression of Uncertainty in Measurement, First Edition 1993,
International Organization for Standardization, Switzerland
Hasil Kalibrasi : LAIK PAKAI disarankan untuk dikalibrasi ulang pada
Result of Calibration : 10 Oktober 2019

Yogyakarta, 22 Oktober 2018

Direktur



Laboratorium
Kalibrasi & Uji
PT. ADI MULTI KALIBRASI

Apik Rusdiarna Indra Praja, S.Si., M.T.

A. Hasil Uji Normalitas

1. Adekuasi dialisis

Kelompok Intervensi

Tests of Normality

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
URRpre	.117	24	.200 [*]	.954	24	.333
URRpost	.098	24	.200 [*]	.974	24	.764
Kt/Vpre	.098	24	.200 [*]	.951	24	.287
Kt/Vpost	.122	24	.200 [*]	.969	24	.634

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

Kelompok Kontrol

Tests of Normality

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
URRpre	.077	24	.200 [*]	.986	24	.979
URRpost	.205	24	.011	.813	24	.000
Kt/Vpre	.168	24	.079	.964	24	.525
Kt/Vpost	.136	24	.200 [*]	.949	24	.255

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

2. Tekanan darah

Kelompok intervensi

Tests of Normality

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
PREsistolik	.223	24	.003	.921	24	.061
POSTsistolikk	.161	24	.109	.945	24	.207
PREdistolik	.141	24	.200*	.956	24	.357
POSTdiastolikk	.081	24	.200*	.974	24	.769

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

Kelompok Kontrol

Tests of Normality

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
PREsistolik	.136	24	.200*	.957	24	.389
POSTsistolikk	.133	24	.200*	.937	24	.137
PREdistolik	.124	24	.200*	.962	24	.475
POSTdiastolikk	.096	24	.200*	.987	24	.981

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

3. Kualitas hidup Kelompok intervensi

Tests of Normality

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
SymptomProblem	.184	24	.034	.943	24	.195
EffectsOfKidney	.107	24	.200*	.970	24	.662
BurdenOfKidney	.078	24	.200*	.981	24	.912
PhysicalHealth	.108	24	.200*	.963	24	.512
MentalHealth	.143	24	.200*	.941	24	.176
PostSymptomProblem	.143	24	.200*	.936	24	.132
PostEffectOfKidney	.140	24	.200*	.954	24	.329
PostBurdenOfKidney	.119	24	.200*	.975	24	.796
PostPhysicalHelath	.115	24	.200*	.947	24	.228
PostMentalHealth	.148	24	.188	.918	24	.052

Kelompok kontrol

Tests of Normality

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
SymptomProblem	.107	24	.200*	.972	24	.707
EffectsOfKidney	.171	24	.066	.917	24	.050
BurdenOfKidney	.138	24	.200*	.972	24	.719
PhysicalHealth	.100	24	.200*	.974	24	.772
MentalHealth	.210	24	.008	.935	24	.129
PostSymptomProblem	.152	24	.158	.900	24	.022
PostEffectOfKidney	.114	24	.200*	.969	24	.644
PostBurdenOfKidney	.105	24	.200*	.977	24	.832
PostPhysicalHelath	.154	24	.146	.944	24	.196
PostMentalHealth	.184	24	.035	.943	24	.187

B. Adekuasi Kelompok Intervensi

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
URRpost	24	60.61	83.23	73.4275	6.16545
URRpre	24	58.22	81.19	71.1766	6.48913
Kt/Vpost	24	1.15	2.21	1.6592	.29717
Kt/Vpre	24	1.11	2.02	1.5529	.28196
Valid N (listwise)	24				

Paired Samples Statistics

	Mean	N	Std. Deviation	Std. Error Mean
Pair 1 URRpost	73.4275	24	6.16545	1.25852
URRpre	71.1766	24	6.48913	1.32459
Pair 2 Kt/Vpost	1.6592	24	.29717	.06066
Kt/Vpre	1.5529	24	.28196	.05755

Paired Samples Correlations

	N	Correlation	Sig.
Pair 1 URRpost & URRpre	24	.731	.000
Pair 2 Kt/Vpost & Kt/Vpre	24	.760	.000

Paired Samples Test

	Paired Differences					t	df	Sig. (2-tailed)
	Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
				Lower	Upper			
Pair 1 URRpost - URRpre	2.25095	4.65419	.95003	.28566	4.21625	2.369	23	.027
Pair 2 Kt/Vpost - Kt/Vpre	.10625	.20125	.04108	.02127	.19123	2.586	23	.017

Adekuasi Kelompok Kontrol

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
URRpost	24	47.83	90.78	76.5892	10.06274
URRpre	24	59.22	90.36	76.0763	7.80645
Kt/Vpost	24	.82	3.10	1.8663	.49496
Kt/Vpre	24	1.06	2.90	1.8083	.44975
Valid N (listwise)	24				

Paired Samples Statistics

	Mean	N	Std. Deviation	Std. Error Mean
Pair 1 URRpost	76.5892	24	10.06274	2.05405
URRpre	76.0763	24	7.80645	1.59349
Pair 2 Kt/Vpost	1.8663	24	.49496	.10103
Kt/Vpre	1.8083	24	.44975	.09180

Paired Samples Correlations

	N	Correlation	Sig.
Pair 1 URRpost & URRpre	24	.737	.000
Pair 2 Kt/Vpost & Kt/Vpre	24	.825	.000

Paired Samples Test

	Paired Differences					t	df	Sig. (2-tailed)
	Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
				Lower	Upper			
Pair 1 URRpost - URRpre	.51284	6.80705	1.38948	-2.36152	3.38721	.369	23	.715
Pair 2 Kt/Vpost - Kt/Vpre	.05792	.28277	.05772	-.06148	.17732	1.003	23	.326

Analisis Adekuasi Dialisis Antara Kelompok Intervensi dan Kontrol

Group Statistics

	Kelompok	N	Mean	Std. Deviation	Std. Error Mean
URRpost	1.00	24	73.4275	6.16545	1.25852
	2.00	24	76.5892	10.06274	2.05405
URRpre	1.00	24	71.1766	6.48913	1.32459
	2.00	24	76.0763	7.80645	1.59349
Kt/Vpost	1.00	24	1.6592	.29717	.06066
	2.00	24	1.8663	.49496	.10103
Kt/Vpre	1.00	24	1.5529	.28196	.05755
	2.00	24	1.8083	.44975	.09180

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
URRpost	Equal variances assumed	1.229	.273	-1.312	46	.196	-3.16164	2.40894	-8.01058	1.68730
	Equal variances not assumed			-1.312	38.136	.197	-3.16164	2.40894	-8.03771	1.71443
URRpre	Equal variances assumed	.521	.474	-2.365	46	.022	-4.89975	2.07213	-9.07073	-.72876
	Equal variances not assumed			-2.365	44.513	.022	-4.89975	2.07213	-9.07449	-.72500
Kt/Vpost	Equal variances assumed	2.912	.095	-1.757	46	.086	-.20708	.11785	-.44429	.03013
	Equal variances not assumed			-1.757	37.675	.087	-.20708	.11785	-.44572	.03155
Kt/Vpre	Equal variances assumed	3.640	.063	-2.357	46	.023	-.25542	.10835	-.47352	-.03731
	Equal variances not assumed			-2.357	38.660	.024	-.25542	.10835	-.47465	-.03619

Adekuasi dengan nilai delta

Group Statistics

	Kelompok	N	Mean	Std. Deviation	Std. Error Mean
URR	1.00	24	2.2510	4.65419	.95003
	2.00	24	.5128	6.80705	1.38948
KtV	1.00	24	.1062	.20125	.04108
	2.00	24	.0579	.28277	.05772

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
URR	Equal variances assumed	.522	.473	1.033	46	.307	1.73811	1.68322	-1.65003	5.12625
	Equal variances not assumed			1.033	40.648	.308	1.73811	1.68322	-1.66211	5.13834
KtV	Equal variances assumed	1.366	.248	.682	46	.499	.04833	.07085	-.09427	.19094
	Equal variances not assumed			.682	41.543	.499	.04833	.07085	-.09469	.19135

C. Tekanan Darah Kelompok Intervensi

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
POSTsistolikk	24	103	194	149.67	23.743
PREsistolik	24	128	216	165.00	24.182
POSTdiastolikk	24	60	104	86.29	10.327
PREdistolik	24	66	112	90.54	13.018
Valid N (listwise)	24				

Paired Samples Statistics

	Mean	N	Std. Deviation	Std. Error Mean
Pair 1 POSTsistolikk	149.67	24	23.743	4.846
Pair 1 PREsistolik	165.00	24	24.182	4.936
Pair 2 POSTdiastolikk	86.29	24	10.327	2.108
Pair 2 PREdistolik	90.54	24	13.018	2.657

Paired Samples Correlations

	N	Correlation	Sig.
Pair 1 POSTsistolikk & PREsistolik	24	.684	.000
Pair 2 POSTdiastolikk & PREdistolik	24	.532	.007

Paired Samples Test

	Paired Differences					t	df	Sig. (2-tailed)
	Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
				Lower	Upper			
Pair 1 POSTsistolikk - PREsistolik	-15.333	19.069	3.892	-23.385	-7.281	-3.939	23	.001
Pair 2 POSTdiastolikk - PREdistolik	-4.250	11.535	2.355	-9.121	.621	-1.805	23	.084

Tekanan Darah Kelompok Kontrol

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
POSTsistolikk	24	129	232	165.38	26.881
PREsistolik	24	120	204	160.13	22.777
POSTdiastolikk	24	61	123	90.54	14.685
PREdistolik	24	57	115	87.62	13.341
Valid N (listwise)	24				

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
POSTsistolikk	24	129	232	165.38	26.881
PREsistolik	24	120	204	160.13	22.777
POSTdiastolikk	24	61	123	90.54	14.685
PREdistolik	24	57	115	87.62	13.341
Valid N (listwise)	24				

Paired Samples Correlations

	N	Correlation	Sig.
Pair 1 POSTsistolikk & PREsistolik	24	.859	.000
Pair 2 POSTdiastolikk & PREdistolik	24	.562	.004

Paired Samples Test

	Paired Differences						t	df	Sig. (2-tailed)
	Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference					
				Lower	Upper				
Pair 1 POSTsistolikk - PREsistolik	5.250	13.772	2.811	-.565	11.065	1.868	23	.075	
Pair 2 POSTdiastolikk - PREdistolik	2.917	13.164	2.687	-2.642	8.475	1.085	23	.289	

Analisis Tekanan Darah Antara Kelompok Intervensi Dan Kontrol

Group Statistics

	kelompok	N	Mean	Std. Deviation	Std. Error Mean
POSTsistolikk	intervensi	24	149.67	23.743	4.846
	kontrol	24	165.38	26.881	5.487
PREsistolik	intervensi	24	165.00	24.182	4.936
	kontrol	24	160.13	22.777	4.649
POSTdiastolikk	intervensi	24	86.29	10.327	2.108
	kontrol	24	90.54	14.685	2.998
PREdistolik	intervensi	24	90.54	13.018	2.657
	kontrol	24	87.63	13.341	2.723

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						
		F	Sig.	t	df	Sig. (2- tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
POSTsistolikk	Equal variances assumed	.829	.367	-2.146	46	.037	-15.708	7.321	-30.445	-.972
	Equal variances not assumed			-2.146	45.309	.037	-15.708	7.321	-30.451	-.966
PREsistolik	Equal variances assumed	.025	.876	.719	46	.476	4.875	6.781	-8.775	18.525
	Equal variances not assumed			.719	45.836	.476	4.875	6.781	-8.776	18.526
POSTdiastolikk	Equal variances assumed	1.988	.165	-1.160	46	.252	-4.250	3.665	-11.626	3.126
	Equal variances not assumed			-1.160	41.279	.253	-4.250	3.665	-11.649	3.149
PREdistolik	Equal variances assumed	.011	.918	.767	46	.447	2.917	3.805	-4.742	10.576
	Equal variances not assumed			.767	45.972	.447	2.917	3.805	-4.742	10.576

D. Analisis Kualitas Hidup Kelompok Intervensi

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
PostSymptomProblem	24	41.67	97.92	77.8642	14.86887
SymptomProblem	24	29.17	93.75	56.7708	18.31928
PostEffectOfKidney	24	40.63	93.75	71.4879	14.89658
EffectsOfKidney	24	18.75	96.88	63.5442	19.90783
PostBurdenOfKidney	24	.00	100.00	55.2083	26.81374
BurdenOfKidney	24	.00	100.00	50.7813	27.16899
PostPhysicalHelath	24	32.07	55.27	43.1208	7.15134
PhysicalHealth	24	25.12	51.64	36.2783	7.58172
PostMentalHealth	24	33.01	61.13	50.6100	8.25115
MentalHealth	24	33.70	65.01	47.5350	9.15540
Valid N (listwise)	24				

Paired Samples Test

	Paired Differences					t	df	Sig. (2-tailed)
	Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
				Lower	Upper			
Pair 1 PostSymptomProblem - SymptomProblem	21.09333	16.37199	3.34192	14.18005	28.00662	6.312	23	.000
Pair 2 PostEffectOfKidney - EffectsOfKidney	7.94375	17.01735	3.47365	.75796	15.12954	2.287	23	.032
Pair 3 PostBurdenOfKidney - BurdenOfKidney	4.42708	19.97614	4.07761	-4.00810	12.86227	1.086	23	.289
Pair 4 PostPhysicalHelath - PhysicalHealth	6.84250	6.43382	1.31330	4.12573	9.55927	5.210	23	.000
Pair 5 PostMentalHealth - MentalHealth	3.07500	8.10879	1.65520	-.34904	6.49904	1.858	23	.076

Analisis Kualitas Hidup Kelompok Kontrol

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
PostSymptomProblem	24	33.33	91.67	57.6383	19.82879
SymptomProblem	24	31.25	89.58	58.5071	15.03416
PostEffectOfKidney	24	28.13	100.00	60.1592	18.84609
EffectsOfKidney	24	43.75	100.00	67.3200	17.11550
PostBurdenOfKidney	24	.00	93.75	45.0521	24.37947
BurdenOfKidney	24	6.25	100.00	44.5313	23.55271
PostPhysicalHelath	24	23.23	48.00	34.4967	7.48805
PhysicalHealth	24	21.48	53.60	36.6021	8.61464
PostMentalHealth	24	26.15	58.03	45.9037	8.07965
MentalHealth	24	36.61	62.42	49.9129	7.14969
Valid N (listwise)	24				

Paired Samples Test

	Paired Differences					t	df	Sig. (2- taile d)
	Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
				Lower	Upper			
Pair 1 PostSymptomProblem - SymptomProblem	-.86875	16.49524	3.36708	-7.83408	6.09658	-.258	23	.799
Pair 2 PostEffectOfKidney - EffectsOfKidney	-7.16083	21.38491	4.36518	-16.19089	1.86922	-1.640	23	.115
Pair 3 PostBurdenOfKidney - BurdenOfKidney	.52083	22.71610	4.63690	-9.07134	10.1130 0	.112	23	.912
Pair 4 PostPhysicalHelath - PhysicalHealth	-2.10542	9.52019	1.94330	-6.12544	1.91461	-1.083	23	.290
Pair 5 PostMentalHealth - MentalHealth	-4.00917	11.41286	2.32964	-8.82839	.81006	-1.721	23	.099

Analisis Kualitas Hidup Antara Kelompok Intervensi Dan Kontrol

Group Statistics

	KELOMPOK	N	Mean	Std. Deviation	Std. Error Mean
PostSymptomProblem	intervensi	24	77.8642	14.86887	3.03510
	kontrol	24	57.6383	19.82879	4.04753
SymptomProblem	intervensi	24	56.7708	18.31928	3.73941
	kontrol	24	58.5071	15.03416	3.06883
PostEffectOfKidney	intervensi	24	71.4879	14.89658	3.04075
	kontrol	24	60.1592	18.84609	3.84694
EffectsOfKidney	intervensi	24	63.5442	19.90783	4.06367
	kontrol	24	67.3200	17.11550	3.49369
PostBurdenOfKidney	intervensi	24	55.2083	26.81374	5.47333
	kontrol	24	45.0521	24.37947	4.97644
BurdenOfKidney	intervensi	24	50.7813	27.16899	5.54585
	kontrol	24	44.5313	23.55271	4.80768
PostPhysicalHelath	intervensi	24	43.1208	7.15134	1.45976
	kontrol	24	34.4967	7.48805	1.52849
PhysicalHealth	intervensi	24	36.2783	7.58172	1.54761
	kontrol	24	36.6021	8.61464	1.75846
PostMentalHealth	intervensi	24	50.6100	8.25115	1.68426
	kontrol	24	45.9038	8.07965	1.64925
MentalHealth	intervensi	24	47.5350	9.15540	1.86884
	kontrol	24	49.9129	7.14969	1.45942

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
PostSymptomProblem	Equal variances assumed	4.783	.034	3.998	46	.000	20.22583	5.05908	10.04242	30.40924
	Equal variances not assumed			3.998	42.652	.000	20.22583	5.05908	10.02081	30.43086
SymptomProblem	Equal variances assumed	1.368	.248	-.359	46	.721	-1.73625	4.83745	-11.47353	8.00103
	Equal variances not assumed			-.359	44.313	.721	-1.73625	4.83745	-11.48354	8.01104
PostEffectOfKidney	Equal variances assumed	2.078	.156	2.310	46	.025	11.32875	4.90358	1.45835	21.19915
	Equal variances not assumed			2.310	43.671	.026	11.32875	4.90358	1.44412	21.21338
EffectsOfKidney	Equal variances assumed	.251	.618	-.705	46	.485	-3.77583	5.35903	-14.56301	7.01134
	Equal variances not assumed			-.705	44.988	.485	-3.77583	5.35903	-14.56956	7.01789
PostBurdenOfKidney	Equal variances assumed	.503	.482	1.373	46	.176	10.15625	7.39745	-4.73405	25.04655
	Equal variances not assumed			1.373	45.590	.176	10.15625	7.39745	-4.73767	25.05017
BurdenOfKidney	Equal variances assumed	.647	.425	.852	46	.399	6.25000	7.33963	-8.52391	21.02391
	Equal variances not assumed			.852	45.092	.399	6.25000	7.33963	-8.53194	21.03194
PostPhysicalHelath	Equal variances assumed	.032	.858	4.080	46	.000	8.62417	2.11357	4.36977	12.87857
	Equal variances not assumed			4.080	45.903	.000	8.62417	2.11357	4.36952	12.87881
PhysicalHealth	Equal variances assumed	.140	.710	-.138	46	.891	-.32375	2.34249	-5.03894	4.39144
	Equal variances not assumed			-.138	45.269	.891	-.32375	2.34249	-5.04100	4.39350
PostMentalHealth	Equal variances assumed	.000	.993	1.996	46	.052	4.70625	2.35728	-.03870	9.45120
	Equal variances not assumed			1.996	45.980	.052	4.70625	2.35728	-.03876	9.45126
MentalHealth	Equal variances assumed	1.877	.177	-1.003	46	.321	-2.37792	2.37118	-7.15084	2.39501
	Equal variances not assumed			-1.003	43.448	.321	-2.37792	2.37118	-7.15842	2.40259